Use Attainability Analysis

for

WBID 0828 Rising Creek

Submitted by Aqua Missouri, Inc.

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Data Sheet A - Water Body Identification

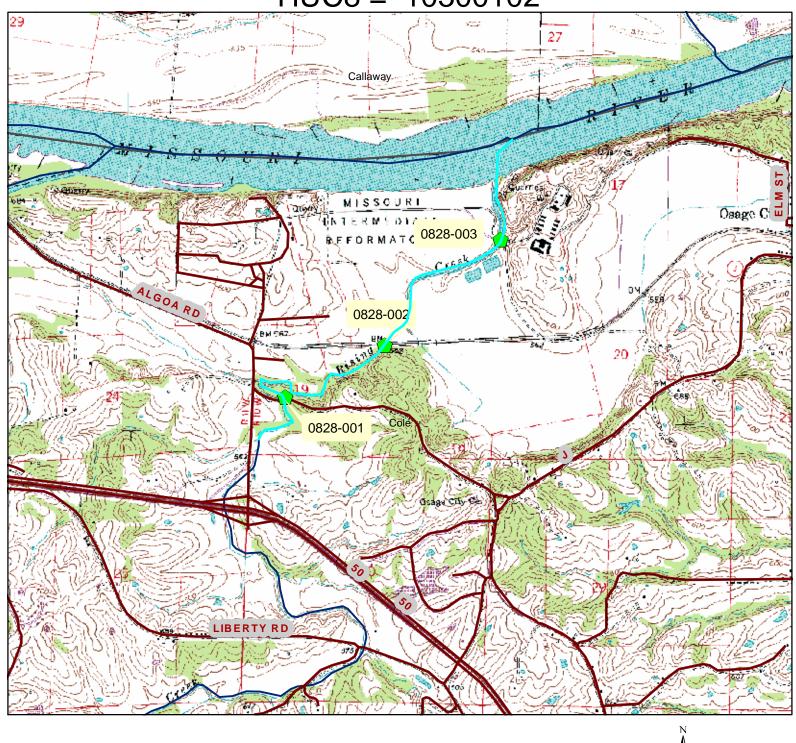
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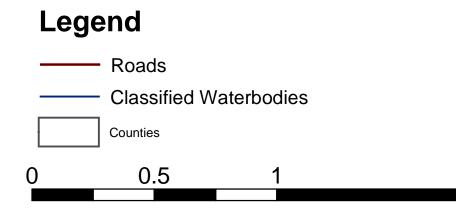
ARGER FROTESTION PROGRAM
Water Body Name (from USGS 7.5' quad): Rising Creek
8-digit HUC: 10300102
Missouri WBID #: 0828
County: Cole
Upstream Legal Description: NW 1/4 Sw 1/4 Sec 25 1470, RIIW
Downstream Legal Description: SE'/y NU'/y $Sec 25$ $FYYN$, $RIOU$ WM'
Upstream Coordinates:
Downstream Coordinates:
Discharger Facility Name(s): ASSLP, Shamrock Hts Subd
Discharger Permit Number(s): M00097632
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Kevin M. Culver 815-935-6530
Organization: Aqua Missouri, Inc.
Position: Regional Environmental Compliance MGR
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: K.M. Wh	Date: 7/12/05	
Signed: K.M. Wh	Date: 7/12/05	

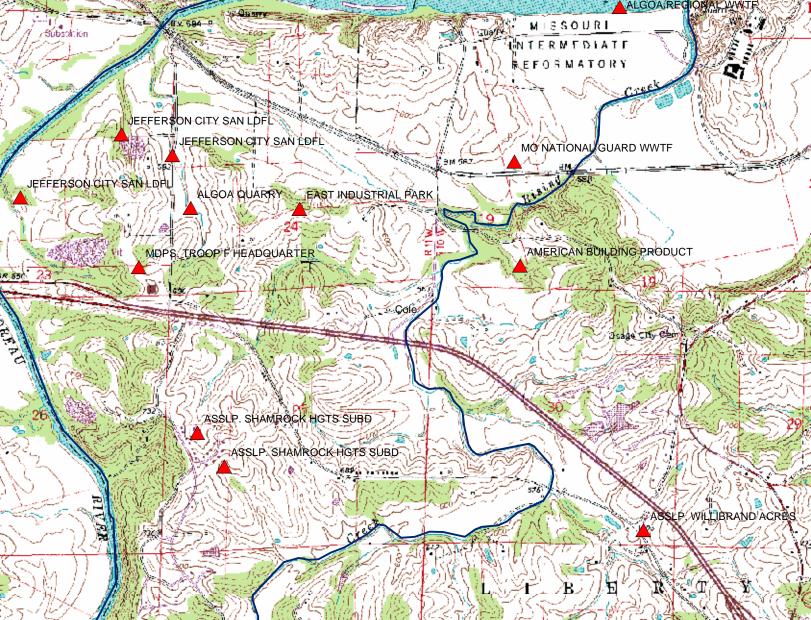
Rising Creek (C) #0828 Cole County HUC8 = 10300102







2 Miles



Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

Missouri WBID #: 0828 -00/		S	ite Location D	escription: Out Tell In	to corell -			
Site GPS Coordinates:			Site Location Description: Out Fell Into comple - Lagron - no Flow -					
Date & Time: 7/12	105 130/4	F	acility Name:	Shamrock Uto C				
	Personnel: Kmi, DB, THR			Facility Name: Shamrock Hts. Shdv. Permit Number: M00097632				
Current Weather Cond		vercest V	Veather Condit	ions for Past 7 days: Day	Roin last night			
Photo Ids: Upstream:		stream:	Other	E Plant outfall	Farlies This Morning			
<u>• ,</u>				1941 CUI Fall				
Uses Observed*:								
Swimming	Skin diving	□ SCUB	A diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	g	Wading	Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	<u></u>	None of the above	Other:			
Describe: (include num	ber of individuals recre	ating, frequency	of use, photo-	documentation of evidence	of recreational uses, etc.)			
Surrounding Condition	ns*: (Mark all that pro	omote or impede	e recreational u	uses. Attach photos of evider	nce or unusual			
City/county parks	☐ Playgrounds [☐ MDC conser	vation lands	Urban areas	Campgrounds			
☐ Boating accesses	State parks [National for	ests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence [Steep slopes		Other:				
F-:-1	_							
Evidence of Human U	ser:	Dools	(-) letform	Timeted Western	T			
Rope swings	Camping Sites		/platform pit/ring	☐ Livestock Watering ☐ NPDES Discharge	RV / ATV Tracks			
Other:	MON -	I - Luci	nuning	I NY DES Discharge	Fishing Tackle			
Site Locations Map(s) other items that may be *Some of this information is may point to conditions that KMC - KEUL DB DOM THR Tena	of interest. (Include not intended to directly need further analysis of a M. Calver	le photograph y influence a de	ns) ecision on any o	•	•			
	_							

September 29, 2004

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Data Sheet B - Site Characterization

Page Two - WBID # 0828: ~ 00 /

Stream Morphology: Upstream View Phys	igal Dimonsions		
Riffle Width (ft):	Length (ft);	Avg. Depth (ft):	Max. Depth (ft):
Run Width (ft);	Length (ft):	Avg. Depth (ft):	
 	• •		Max. Depth (ft):
	Length (fl):	Avg. Depth (ft):	Max. Depth (ft);
Flow Present?	Yes No	Estimated (ft ³ /sec):	NO Flow - Dry
Downstream View Pl	nysical Dimensions:		
☐ Riffle Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow Present?	Yes XNo	Estimated (ft ³ /sec):	rotton Dry
Substrate*: (These values % Cobble	should add up to 100%.) 25 % Gravel 7	% Sand % Silt	% Mud/Clay % Bedrock
Vater Characteristics*			
	ewage Musky lear Green	☐ Chemical	Other: NO warts
	ludge Solids	Fine sediments None	Other:
	oil Scum	☐ Foam ☐ None	Other:
This information is not to be	used solely for removal of	s (including information from is	ther is to provide a more
lecision on the recreation use	analysis but may point to	sequently, this information is not inte- conditions that need further analysis of	or that effect another use.
latasheet is true and ac	curate.	of my knowledge, that all inf	ormation reported on this UAA
Signed: New M.C	in	Date: 7/12/0	-
Organization: Aqua Mi	ssouri, Inc.	Position: Comp1	iance Mgr.
Santambor 20, 2804	l act win		

Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

	·		1				
Missouri WBID #: 0828-6 2 Site GPS Coordinates:			Site Location Description: Militia & Algoa As Innakolon Map.				
			Millia	2 pigoq 4	S JAMES KINDY Map.		
Date & Time: 7/12/05 - 2/0pm			Facility Name:	Shamrock Hrs.	Shdv		
Personnel: KMC	DB THR		Permit Number:	M00097632	+ ++++++++++++++++++++++++++++++++++++		
Current Weather Cond	itions: Over Cast	- Dn -	Weather Condit	ions for Past 7 days: ///	except Ruintestaist		
Photo Ids: Upstream:	0828-00 2 D Dow	nstream:	Othe		Tigo Mornis		
Uses Observed*:	<u> </u>	<u>U B</u>					
Swimming	Skin diving	. SC	UBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	 ;	vating	Wading	Rafting		
Hunting	Trapping	Fis		None of the above	Other:		
		11-	_		ce of recreational uses, etc.)		
Surrounding Conditions of interest.)			<u> </u>				
City/county parks	Playgrounds		onservation lands	Urban areas	Campgrounds		
Boating accesses	State parks	☐ National		Nature trails	Stairs/walkway		
No trespass sign	☐ Гелсе	Steep sle	opes	Other:			
Evidence of Human U	Jse*:						
Roads	Foot paths/prin	ots I	Dock/platform	Livestock Watering	g RV / ATV Tracks		
☐ Rope swings	Camping Sites		ire pit/ring	☐ NPDES Discharge			
Other:	None-						
Site Locations Map(s) other items that may be *Some of this information is may point to conditions that Kmc - Krujar Dom Kmc Thr Trus	is not intended to direct need further analysis M. Carlor Brancacco	ide photogi tly influence	raphs) a decision on any o	-	ŕ		

Data Sheet B - Site Characterization

		-002						
ream Morpho <u>Upstream</u> Vic		Dimensions:				, ,		
	dth (ft):	Length (ft)	:	Avg. Depth	(ft):	<i>I</i>	Max. Depth (ft):
Run Wi	dth (ft): 0 125	Length (ft)	:	Avg. Depth	(ft): (bessel)	0 .75 N	Max. Depth (ft): 6 PA 6 .5
	dth (ft);	Length (ft)	:	Avg. Depth (-7777	-	Max. Depth (ft	
	sent? ZYes		12500	Estimated (fl			0.626 66/1	
<u>*</u>			122					0,000
Downstream	View Physic	al Dimensions	:					
☐ Riffle Wie	dth (ft):	Length (ft)	:	Avg. Depth	(ft):	nlaa N	Aax. Depth (ft):
√ □ Run Wi	dth (ft): Sec	4 & Dength (ft)	:	Avg. Depth ((ft): •2:	5 N	Max. Depth (ft): .30 wh
Pool Wie	dth (ft);	Length (ft)		Avg. Depth (<u> </u>		/lax, Depth (ft):
☑ Flow Pre	sent? Yes	No		Estimated (fi	³ /sec):			
	7		 	· · ·	·			
		ld add up to 100%.						
% Col	bble 75	% Gravel	% Sa	nd 15	% Silt	%	Mud/Clay	% Bedrock
ater Characte	ristics*: (Ma	rk all that apply.)						
	☐ Sewag			Chemical	None	Г	Other:	
Odor:	L Schag		1		L_ None	_	_	
Odor: Color:	Clear	Green		Gray	Milky		Other:	
	Clear	Green			_		-	· · · · · · · · · · · · · · · · · · ·
Color: Bottom Deposit Surface Deposit	Clear Sludge	Green Solids Scum	K F	ine sediments	Milky None None		Other: Other: Other:	
Color: Bottom Deposit Surface Deposit omments: Pleat this information is imprehensive under	Clear	Green Solids Scum Scum Scum Solely for removal ter conditions. Cosis but may point to	of a recreation sequently, o conditions	ine sediments oam ing informational use design this informational that need furth	Milky None None None on from i	ther is to p nded to dis or that effe	Other: Other: Other: Other: s) to this for	; ce a e.
Color: Bottom Deposit Surface Deposit omments: Plea his information is mprehensive undecision on the recre the undersigned tasheet is true	Clear	Green Solids Scum Scum Solely for removal ter conditions. Cosis but may point to the bette.	of a recreation sequently, o conditions	ine sediments coam ing informational use design this information that need furth	Milky None None None on from i	ther is to p nded to di or that effe	Other: Other: Other: Other: s) to this for rovide a more rectly influence act another use n reported	; xe a 3.
Color: Bottom Deposit Surface Deposit omments: Plea his information is mprehensive under cision on the recre the undersigne	Clear	Green Solids Scum Scum Solely for removal ter conditions. Cosis but may point to the bette.	of a recreation sequently, o conditions	ine sediments oam ing informational use design this informational that need furth	Milky None None None on from i	ther is to p nded to dis or that effe	Other: Other: Other: Other: s) to this for rovide a more rectly influence act another use n reported	; xe a 3.
Color: Bottom Deposit Surface Deposit omments: Plea his information is mprehensive undecision on the recre the undersigned tasheet is true	Clear Cl	Green Solids Scum Scum Solely for removal ter conditions. Cosis but may point to the bette.	of a recreation sequently, o conditions	ine sediments coam ing informational use design this information that need furth mowledge, t	Milky None None None on from i	ther is to pended to disor that effe	Other: Other: Other: s) to this for	; coe a c.
Color: Bottom Deposit Surface Deposit omments: Plea his information is mprehensive undecision on the recre the undersigned tasheet is true	Clear Cl	Green Solids Solids Scum Scum Solely for removal ter conditions. Cosis but may point the bette.	of a recreation sequently, o conditions	ine sediments coam ing informational use design this information that need furth mowledge, t	Milky None None None on from i	ther is to pended to disor that effe	Other: Other: Other: s) to this for	; ce a e.

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 082	8-003		Site Location Do	escription:	art.			
Site GPS Coordinates:		Algon.	- East of	Mill Tid				
Date & Time: 7/12/	Date & Time: 7/12/05 2350m		Facility Name:	Egyt of Control His Si	du			
Personnel: /(mc De	THR		Permit Number;	M00097632	14 V .			
Current Weather Conditi				ons for Past 7 days: Dry	Kigg Co17 11 184 + 7415			
Photo Ids: Upstream:		vnstream		e - (0.3 Other)				
Uses Observed*:			door					
Swimming	Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	Rafting			
Hunting	☐ Trapping		Fishing	None of the above	Other:			
Describe: (include numb		11-		documentation of evidence				
Surrounding Condition items of interest.)	s*: (Mark all that		or impede recreational u	ses. Attach photos of evider	ce or unusual			
☐ Boating accesses	State parks	□ Na	tional forests	☐ Nature trails	☐ Stairs/walkway			
No trespass sign	☐ Fence	⊠ Se	ep slopes	Installations -				
Evidence of Human Use*:			Installations —					
Roads			Dock/platform	Livestock Watering	RV / ATV Tracks			
Rope swings	☐ Camping Site	s [☐ Fire pit/ring	☐ NPDES Discharge	Fishing Tackle			
Other:			None					
Site Locations Map(s): other items that may be of *Some of this information is a may point to conditions that n	of interest. (Inclination of intended to direct	ude pho ctly influ	otographs) ence a decision on any o		·			

Data Sheet B - Site Characterization Page Two - WBID # 0828: - 003 Stream Morphology: Upstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft); Pool Width (ft): Length (ft): Max. Depth (ft): 0.47 Avg. Depth (ft) Present? A Flow Estimated (ft³/sec): Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): X Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Width (ft): Avg. Depth (ft): Length (ft): Max. Depth (ft): " Estimated (ft³/sec): Flow Present? ΠNo 14.5 Substrate*: (These values should add up to 100%.) 4D % Cobble % Gravel % Sand 50 % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: Sewage ☐ Musky Chemical None N Other: Color: Clear Green ☐ Gray Milky Other: Sludge Bottom Deposit: Solids X Fine sediments ☐ None ☐ Other: Surface Deposit: Oil Scum Foam Arca None Other: Smal Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Organization: Aqua Missouri, Inc. Position: Compliance Mgr.

September 29, 2004

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